## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:20

INPUT SET: S25310.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

		_				Does Not Comply Corrected Diskette N
1 2				SEQUENCE 1	LISTING	Corrected Diskette
3	(1) Gener	al Informa	tion			Does Not Comply Corrected Diskette Needea
5 6 7	(i)	APPLICANT:	SHERMAN, I LUSTGARTEN			
8 9 10	(ii)		RECEPTORS		INANT CONSTRUCT FOR HUMAN HLA-F	TS ENCODING RESTRICTED TUMOR
11 12 13	(iii)	NUMBER OF	SEQUENCES:	64		
14 15	( A	CORRESPOND ADDRESSEE	: MORRISON	& FOERSTE		
16 17 18	(c	STREET: 2 CITY: Was STATE: DC	hington	vania Ave	nue, NW, suite	5500
19 20	(E	COUNTRY:	USA			
21 22	(V) (	COMPUTER RE	ADABLE FORM			
23 24 25	(B	MEDIUM TY COMPUTER: OPERATING	IBM Compat	ible		
26 27					Version 2.0	
28 29	(A)	CURRENT AP	ON NUMBER:	08/812,39	3	
30 31 32	•	FILING DA		1997		
33 34	( A	PRIOR APP APPLICATI	ON NUMBER:	ATA:		
35 36 37	( B)	) FILING DA	TE:			
38 39	• • • •	i) ATTORNEY				
40 41 42	(B	NAME: Mur REGISTRAT REFERENCE	ION NUMBER:	29,959	3-20001.00	
43		TELECOMMUN				
45	( A	TELEPHONE	: 202-887-1	.500		

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:21

INPUT SET: S25310.raw

46 (B) TELEFAX: 202-822-0168 47 (C) TELEX: 48 49

### ERRORED SEQUENCES FOLLOW:

	250	(2) INFORMATION FOR SEQ ID NO:3:	
	251		
	252	(i) SEQUENCE CHARACTERISTICS:	
	253	(A) LENGTH: 24 base pairs	
	254	(B) TYPE: nucleic acid / / 1/	1 2 X X
	255	(C) STRANDEDNESS: single ONTHY TIPLE	repear
	256	(A) LENGTH: 24 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  (vi) ORIGINAL SOURCE: (C) ISOLATE; V-alpha-1  (A) LENGTH: 24 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (C) TOPOLOGY: linear  (Vi) ORIGINAL SOURCE: (C) ISOLATE; V-alpha-1	0116
	257	TO A TO A A TT	~ -
	258	(vi) ORIGINAL SOURCE: TADINIDUAL TSOLATE.	
>	259	(C) ISOLATE: V-alpha-1	
	260		
	261	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
	262		
	263	CCCAAGGCAC TGATGTTCAT CTTC	24
	264		
	265	(2) INFORMATION FOR SEQ ID NO:4:	
	266		
	267	(i) SEQUENCE CHARACTERISTICS:	
	268	(A) LENGTH: 27 base pairs	
	269	(B) TYPE: nucleic acid	
	270	(C) STRANDEDNESS: single	
	271	(D) TOPOLOGY: linear	
	272		
	273	(VI) ORIGINAL SOURCE:	
>	274	(C) ISOLATE; V-alpha-2	
	275		
	276	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
	277		
	278	TGAGACAAAG TCCCCAATCT CTGACAG	27
	279		
	200	(2) INFORMATION FOR CRO ID NO.E.	<del>-</del>
	280 281	(2) INFORMATION FOR SEQ ID NO:5:	
	282	(i) SEQUENCE CHARACTERISTICS:	
	283	(A) LENGTH: 26 base pairs	
	284	(B) TYPE: nucleic acid	
	285	(C) STRANDEDNESS: single	
	286	(D) TOPOLOGY: linear	
	287	(b) Torologi. Illiear	
	288	(vi) ORIGINAL SOURCE:	
_	288 289	(C) ISOLATE: V-alpha-3	
>	2 <b>89</b> 290	(C) ISOLATE: V-aipha-3	
	∠90		

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:22

			INPUT SET: S25310.raw
	291	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
	292		26
	293	CTGCAGCTGC TCCTCAAGTA CTATTC	26
	294		
	295	(2) INFORMATION FOR SEQ ID NO:6:	
	296		
	297	(i) SEQUENCE CHARACTERISTICS:	
	298	(A) LENGTH: 28 base pairs	
	299	(B) TYPE: nucleic acid	
	300	(C) STRANDEDNESS: single	
	301	(D) TOPOLOGY: linear	
	302		
	303	(vi) ORIGINAL SOURCE:	
->	304	(C) ISOLATE: V-alpha-4.1.2.3	
	305		
	306	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:	
	307		
	308	TCCCGGAGAA GGTCCACAGT TCCTCTTT	28
	309		
	310	(2) INFORMATION FOR SEQ ID NO:7:	
	311		
	312	(i) SEQUENCE CHARACTERISTICS:	
	313	(A) LENGTH: 29 base pairs	
	314	(B) TYPE: nucleic acid	
	315	(C) STRANDEDNESS: single	
	316	(D) TOPOLOGY: linear	
	317		
	318	(vi) ORIGINAL SOURCE:	
>	319	(C) (ISOLATE) V-alpha-4.4	
	320		
	321	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	
	322		2.2
	323	GAAGCAGCAG AGGGTTTGAA GCCACATAC	29
	324		
	325	(2) INFORMATION FOR SEQ ID NO:8:	
	326		
	327	(i) SEQUENCE CHARACTERISTICS:	
	328	(A) LENGTH: 27 base pairs	
	329	(B) TYPE: nucleic acid	
	330	(C) STRANDEDNESS: single	
	331	(D) TOPOLOGY: linear	
	332		
	333	(vi) ORIGINAL SOURCE:	
->	334	(C) ISOLATE: V-alpha-5	
	335		
	336	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
	337		<u> </u>
	338	GGCAGGTCTT CAGTTGCTTA TGAAGGT	27
	339		

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:23

			INPUT SET: S25310.raw
	341		
	342	(i) SEQUENCE CHARACTERISTICS:	
	343	(A) LENGTH: 27 base pairs	
	344	(B) TYPE: nucleic acid	
	345	(C) STRANDEDNESS: single	
	346	(D) TOPOLOGY: linear	
	347		
	348	(vi) ORIGINAL SOURCE:	
>	349	(C) ISOLATE; V-alpha-6	
	350		
	351	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:	
	352		^=
	353	GGTTCCTCTT CAGGGTCCAG AATATGT	27
	354		
	355	(2) INFORMATION FOR SEQ ID NO:10:	
	356	(-)	
	357	(i) SEQUENCE CHARACTERISTICS:	
	358	(A) LENGTH: 27 base pairs	
	359	(B) TYPE: nucleic acid	
	360	(C) STRANDEDNESS: single	
	361	(D) TOPOLOGY: linear	
	362	, ,	
	363	(vi) ORIGINAL SOURCE:	
>	364	(C) ISOLATE: V-alpha-7	
	365		
	366	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
	367		
	368	GCGAAGAACT CACCCTGGAC TGTTCAT	27
	369		
-	370	(2) INFORMATION FOR SEQ ID NO:11:	
	371	(2) Intollimiton for bug 15 hours	
	372	(i) SEQUENCE CHARACTERISTICS:	
	373	(A) LENGTH: 30 base pairs	
	374	(B) TYPE: nucleic acid	
	375	(C) STRANDEDNESS: single	
	376	(D) TOPOLOGY: linear	
	377	(= / <b></b>	
	378	(vi) ORIGINAL SOURCE:	
>	379	(C) ISOLATE: V-alpha-8	
-	380	, , , , , , , , , , , , , , , , , , , ,	
	381	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:	
	382	, , ===================================	
	383	GAGCTCCACA GACAACAAGA GGACCGAGCA	30
	384		
	205	(2) IMPODMATION FOR CEO ID MO.12.	
	385 386	(2) INFORMATION FOR SEQ ID NO:12:	
	387	(i) SEQUENCE CHARACTERISTICS:	
	388	(A) LENGTH: 27 base pairs	
	389	(B) TYPE: nucleic acid	
	390	(C) STRANDEDNESS: single	
	370	(-, 51111112221221 211312	

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:24

			INPUT SET: S25310.raw
	391	(D) TOPOLOGY: linear	
	392		
	393	(vi) ORIGINAL SOURCE:	
>	394	(C) ISOLATE: V-alpha-9	
	395	•	
	396	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:	
	397	` , -	
	398	GAGCTGCGAC GTTCCTTAGT GACTGTG	27
	399		
	400	(2) INFORMATION FOR SEQ ID NO:13:	
	401		
	402	(i) SEQUENCE CHARACTERISTICS:	
	403	(A) LENGTH: 30 base pairs	
	404	(B) TYPE: nucleic acid	
	405	(C) STRANDEDNESS: single	
	406	(D) TOPOLOGY: linear	
	407	,	
	408	(vi) ORIGINAL SOURCE:	
>	409	(C) ISOLATE; V-alpha-10	
	410		
	411	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
	412	(···-, <u>-</u>	
	413	CCTCGTCAGC CTGTTGTCCA ATCCTTCTGG	30
	414		
	415	(2) INFORMATION FOR SEQ ID NO:14:	
	416		
	417	(i) SEQUENCE CHARACTERISTICS:	
	418	(A) LENGTH: 28 base pairs	
	419	(B) TYPE: nucleic acid	
	420	(C) STRANDEDNESS: single	
	421	(D) TOPOLOGY: linear	
	422		
	423	(vi) ORIGINAL SOURCE:	
>	424	(C) ISOLATE V-alpha-11	
	425		
	426	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
	427		
	428	CAGCCTCATC AATCTGTTCT ACTTGGCT	28
	429		
	430	(2) INFORMATION FOR SEQ ID NO:15:	
	431		
	432	(i) SEQUENCE CHARACTERISTICS:	
	433	(A) LENGTH: 28 base pairs	
	434	(B) TYPE: nucleic acid	
	435	(C) STRANDEDNESS: single	
	436	(D) TOPOLOGY: linear	
	437		
	438	(vi) ORIGI <b>NA</b> L SOURCE:	
>	439	(C) ISOLATE: V-alpha-12	
	440		

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:25

	441 442 443	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
		agragicaci cararament maremati	28
	444	CCACCAGGGA CCACAGTTTA TCATTCAA	28
	444		
	445	(2) INFORMATION FOR SEQ ID NO:16:	-
	446		
	447	(i) SEQUENCE CHARACTERISTICS:	
	448	(A) LENGTH: 27 base pairs	
	449	(B) TYPE: nucleic acid	
	450	(C) STRANDEDNESS: single	
	451	(D) TOPOLOGY: linear	
	452 453	(wi) ODIGINAL COURGE.	
_	453 <b>454</b>	(Vi) ORIGINAL SOURCE: (C) ISOLATE: V-alpha-14	
	455	(C) ISOLATE: V-alpha-14	
	456	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:	
	457	(AI, DEVOUNCE DESCRIPTION, SEV ID NO.10.	
	458	ACCTGGAGAG AATCCTAAGC TCATCAT	27
	459		
	460	(A) THROPHARTON FOR CEO TO NO.17.	
	460 461	(2) INFORMATION FOR SEQ ID NO:17:	
	462	(i) SEQUENCE CHARACTERISTICS:	
	463	(A) LENGTH: 28 base pairs	
	464	(B) TYPE: nucleic acid	
	465	(C) STRANDEDNESS: single	
	466	(D) TOPOLOGY: linear	
	467	· ·	
	468	(vi) ORIGINAL SOURCE:	
>	469	(C) ISOLATE: V-alpha-15	
	470		
	471	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:	
	472		
	473	AGGTCTTGTG TCCCTGACAG TCCTGGTT	28
	474		
	475	(2) INFORMATION FOR SEQ ID NO:18:	
	476		
	477	(i) SEQUENCE CHARACTERISTICS:	
	478	(A) LENGTH: 30 base pairs	
	479	(B) TYPE: nucleic acid	
	480	(C) STRANDEDNESS: single	
	481	(D) TOPOLOGY: linear	
	482	(wi) ODICINAL COURSE.	
>	483 <b>484</b>	<pre>(vi) ORIGINAL SOURCE:    (CY ISOLATE; V-alpha-16</pre>	
/	484 485	(C) ISOTHIE: A-GIDIG-10	
	486	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:	
	487	(AI) DEVOENCE DESCRIPTION. DEV ID NO.10.	
	488	CAAGCAAACA CTGTAGTGCA GAGCCCTTCC	30
	489		

RAW SEQUENCE LISTING DATE: 04/28/98 PAGE: 7 PATENT APPLICATION US/08/812,393 TIME: 13:04:26 INPUT SET: S25310.raw 491 492 (i) SEQUENCE CHARACTERISTICS: 493 (A) LENGTH: 25 base pairs 494 (B) TYPE: nucleic acid (C) STRANDEDNESS: single 495 496 (D) TOPOLOGY: linear 497 498 (vi) ORIGINAL SOURCE: (C) (ISOLATE: V-alpha-17 --> 499 500 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:19: 501 502 25 503 CAAGACATCC ATAACTGCCC TACAG 504 (2) INFORMATION FOR SEQ ID NO:20: 505 506 507 (i) SEQUENCE CHARACTERISTICS: 508 (A) LENGTH: 27 base pairs (B) TYPE: nucleic acid 509 (C) STRANDEDNESS: single 510 511 (D) TOPOLOGY: linear 512 (vi) ORIGINAL SOURCE: 513 514 (C) (ISOLATE: V-alpha-18 --> 515 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:20: 516 517 GTGTATGAAA CCCAGGACAG TTCTTAC 27 518 519 (2) INFORMATION FOR SEQ ID NO:21: 520 521 (i) SEQUENCE CHARACTERISTICS: 522 523 (A) LENGTH: 29 base pairs 524 (B) TYPE: nucleic acid 525 (C) STRANDEDNESS: single 526 (D) TOPOLOGY: linear 527 (vi) ORIGINAL SOURCE: 528 (C) ISOLATE: V-alpha-19 --> 529 530 531 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:21: 532 533 CCGTATTTCT TTCTTATGTT GTTTTGGAT 29 534

(2) INFORMATION FOR SEQ ID NO:22:

(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 28 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

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## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:27

			INPU1 SE1: 525510.raw
	541	(D) TOPOLOGY: linear	
	542		
	543	(vi) ORIGINAL SOURCE:	
>	544	(C) ISOLATE: V-alpha-20	
	545	(0)	
	546	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:	
	547	(XI) SEQUENCE DESCRIPTION: SEQ ID NO.22:	
	548	CAAAGCTCTC CATCGCTGAC TGTTCAAG	28
	549	CAMAGETETE CATEGETGAE TOTTCAAG	20
	349		
	550	(2) INFORMATION FOR SEQ ID NO:23:	· · · · · · · · · · · · · · · · · · ·
	551	(2) INFORMATION FOR SEQ ID NO:23:	
		(i) SEQUENCE CHARACTERISTICS:	
	552		
	553	(A) LENGTH: 23 base pairs	
	554	(B) TYPE: nucleic acid	
	555	(C) STRANDEDNESS: single	
	556	(D) TOPOLOGY: linear	
	557		
	558	(vi) ORIGINAL SOURCE:	
>	559	(C) ISOLATE: V-beta-1	
	560		
	561	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:	
	562		
	563	ATCTAATCCT GGGAAGAGCA AAT	23
	564		
	565	(2) INFORMATION FOR SEQ ID NO:24:	
	566		
	567	(i) SEQUENCE CHARACTERISTICS:	
	568	(A) LENGTH: 23 base pairs	
	569	(B) TYPE: nucleic acid	
	570	(C) STRANDEDNESS: single	
	571	(D) TOPOLOGY: linear	
	572		
	573	(vi) ORIGINAL SOURCE:	
>	574	(C) ISOLATE: V-beta-2	
	575		
	576	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:	
	577		
	578	GGCGTCTGGT ACCACGTGGT CAA	23
	579		
	580	(2) INFORMATION FOR SEQ ID NO:25:	
	581		
	582	(i) SEQUENCE CHARACTERISTICS:	
	583	(A) LENGTH: 23 base pairs	
	584	(B) TYPE: nucleic acid	
	585	(C) STRANDEDNESS: single	
	586	(D) TOPOLOGY: linear	
	587	(=/ =	
	588	(vi) ORIGINAL SOURCE:	
>	589	(C) ISOLATE: V-beta-3	
	590	(5, 1252.12.)	
	3 7 0	***Company of the	

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:28

			INPUT SET: S25310.raw
	591	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:	
	592	amaxxx agaa xxaaxaxxx xaa	23
	593	GTGAAAGGGC AAGGACAAAA AGC	23
	594		
	595	(2) INFORMATION FOR SEQ ID NO:26:	
	596		
	597	(i) SEQUENCE CHARACTERISTICS:	
	598	(A) LENGTH: 22 base pairs	
	599	(B) TYPE: nucleic acid	
	600	(C) STRANDEDNESS: single	
	601	(D) TOPOLOGY: linear	
	602 603	(vi) ORIGINAL SOURCE:	
->	604	(C) ISOLATE: V-beta-4	
-/	605	(C) ISOLATE. V-Deca-4	
	606	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:	
	607	(WI) MAKONMON NUMBER INC. NO. TO WOLDS.	
	608	GATATGCGAA CAGTATCTAG GC	22
	609		
	610 611	(2) INFORMATION FOR SEQ ID NO:27:	
	612	(i) SEQUENCE CHARACTERISTICS:	
	613	(A) LENGTH: 23 base pairs	
	614	(B) TYPE: nucleic acid	
	615	(C) STRANDEDNESS: single	
	616	(D) TOPOLOGY: linear	
	617	(5) 111111	
	618	(vi) ORIGINAL SOURCE:	
->	619	(C) ISOLATE: V-beta-5.1	
	620		
	621	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:	
	622		
	623	ACATAATCAA AGGAAAGGGA GAA	23
	624		
	625	(2) INFORMATION FOR SEQ ID NO:28:	
	626		
	627	(i) SEQUENCE CHARACTERISTICS:	
	628	(A) LENGTH: 23 base pairs	
	629	(B) TYPE: nucleic acid	
	630	(C) STRANDEDNESS: single	
	631	(D) TOPOLOGY: linear	
	632	(with opticiant council)	
	633	(vi) ORIGINAL SOURCE:	
->	634	(C ISOLATE: V-beta-6	
	635 636	(vi) SECTIONS DESCRIPTION, SEC ID NO.28.	
	636	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:	
	638	TCCTGATTGG TCAGGAAGGG CAA	23
	639	TECTORITIO TENGGRAGOS CAN	23
	640	(2) INFORMATION FOR SEQ ID NO:29:	

RAW SEQUENCE LISTING DATE: 04/28/98 PAGE: 10 PATENT APPLICATION US/08/812,393 TIME: 13:04:30 INPUT SET: S25310.raw 641 (i) SEQUENCE CHARACTERISTICS: 642 643 (A) LENGTH: 23 base pairs (B) TYPE: nucleic acid 644 645 (C) STRANDEDNESS: single (D) TOPOLOGY: linear 646 647 (vi) ORIGINAL SOURCE: 648 --> 649 (C) ISOLATE: V-beta-7 650 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:29: 651 652 23 653 TACCTGATCA AAAGAATGGG AGA 654 655 (2) INFORMATION FOR SEQ ID NO:30: 656 657 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 base pairs 658 (B) TYPE: nucleic acid 659 (C) STRANDEDNESS: single 660 661 (D) TOPOLOGY: linear 662 663 (Vi) ORIGINAL SOURCE: --> 664 (C) ISOLATE: V-beta-8.1 665 666 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:30: 667 23 668 ATAACCATGA CAATATGTAC TGG 669 670 (2) INFORMATION FOR SEQ ID NO:31: 671 672 (i) SEQUENCE CHARACTERISTICS: 673 (A) LENGTH: 23 base pairs 674 (B) TYPE: nucleic acid 675 (C) STRANDEDNESS: single 676 (D) TOPOLOGY: linear 677 678 (Vi) ORIGINAL SOURCE: (C) ISOLATE: V-beta-8.2 --> 679 680 681 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:31: 682

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686 687

688

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ATAACCACAA CAACATGTAC TGG

(2) INFORMATION FOR SEQ ID NO: 32:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 23 base pairs

(B) TYPE: nucleic acid(C) STRANDEDNESS: single

23

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:31

			INPUT SET: 525510.raw
	691	(D) TOPOLOGY: linear	
	692		
	693	(vi) ORIGINAL SOURCE:	
>	694	(C) ISOLATE: V-beta-8.3	
	695		
	696	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:	
	697		
	698	ATAGCCACAA CTACATGTAC TGG	23
	699		
	700	(2) INFORMATION FOR SEQ ID NO:33:	
	701		
	702	(i) SEQUENCE CHARACTERISTICS:	
	703	(A) LENGTH: 23 base pairs	
	704	(B) TYPE: nucleic acid	
	705	(C) STRANDEDNESS: single	
	706	(D) TOPOLOGY: linear	
	707		
	708	(vi) ORIGINAL SOURCE:	
>	709	(C≬ ISOLATE: V-beta-9	
	710		
	711	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:	
	712		
	713	AGCTTGCAAG AGTTGGAAAA CCA	23
	714		
	715	(2) INFORMATION FOR SEQ ID NO:34:	
	716		
	717	(i) SEQUENCE CHARACTERISTICS:	
	718	(A) LENGTH: 23 base pairs	
	719	(B) TYPE: nucleic acid	
	720 721	(C) STRANDEDNESS: single	
	721	(D) TOPOLOGY: linear	
	723	(vi) ORIGINAL SOURCE:	
>	723	(C) ISOLATE: V-beta-10	
/	725	(C) IBOLATE: V-Deta-10	
	726	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:	
	727	(AI) BEGORNEE BEBOKIIIION. BEG IS NOTOIL	
	728	GATTATGTTT AGCTACAATA ATA	23
	729	ONITATOTIT MOCINOMIN NIM	
	,		
	730	(2) INFORMATION FOR SEQ ID NO:35:	
	731	_	
	732	(i) SEQUENCE CHARACTERISTICS:	
	733	(A) LENGTH: 23 base pairs	
	734	(B) TYPE: nucleic acid	
	735	(C) STRANDEDNESS: single	
	736	(D) TOPOLOGY: linear	
	737	• •	
	738	(vi) ORIGINAL SOURCE:	
>	739	(C) ISOLATE; V-beta-11	
	740	The same of the sa	

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:32

	741 742 743 744 745 746 747 748 749 750 751	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:  ACAAGGTGAC AGGGAAGGGA CAA  (2) INFORMATION FOR SEQ ID NO:36:  (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 base pairs	23
	743 744 745 746 747 748 749 750	(2) INFORMATION FOR SEQ ID NO:36:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs	23
	744 745 746 747 748 749 750	(2) INFORMATION FOR SEQ ID NO:36:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs	
	745 746 747 748 749 750	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 base pairs	
	746 747 748 749 750	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 base pairs	
	747 748 749 750	(A) LENGTH: 23 base pairs	
	748 749 750	(A) LENGTH: 23 base pairs	
	749 750		
	750		
		(B) TYPE: nucleic acid	
	751	(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	752		
	753	(vi) ORIGINAL SOURCE:	
->	754	(C) ISOLATE: V-beta-12	
	755	(mi) GEOURNAE DECARTEMENT GEO ID NO.36.	
	756	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:	
	757 758	ACCTACAGAA CCCAAGGACT CAG	23
	759	ACCTACAGAA CCCAAGGACT CAG	23
	133		
	760	(2) INFORMATION FOR SEQ ID NO:37:	
	761		
	762	(i) SEQUENCE CHARACTERISTICS:	
	763	(A) LENGTH: 23 base pairs	
	764	(B) TYPE: nucleic acid	
	765	(C) STRANDEDNESS: single	
	766	(D) TOPOLOGY: linear	
	767	(wi) ORIGINAL COURGE:	
->	768 <b>769</b>	(vi) ORIGINAL SOURCE: (C≬ ISOLATE; V-beta-13	
	770	(C) ISOLATE: V-Deta-13	
	771	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:	
	772	(XI) SEQUENCE DESCRIPTION. SEQ ID NO.37.	
	773	CAGTTGCCCT CGGATCGATT TTC	23
	774	CROTICOCT COOMICONIT TIC	
	775 776	(2) INFORMATION FOR SEQ ID NO:38:	
	777	(i) SEQUENCE CHARACTERISTICS:	
	778	(A) LENGTH: 23 base pairs	
	779	(B) TYPE: nucleic acid	
	780	(C) STRANDEDNESS: single	
	781	(D) TOPOLOGY: linear	
	782	, ,	
	783	(vi) ORIGINAL SOURCE:	
->	784	(C) ISOLATE: V-beta-14	
	785		
	786	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:	
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	788	GCCGAGATCA AGGCTGTGGG CAG	23
	789		
	790	(2) INFORMATION FOR SEQ ID NO:39:	

RAW SEQUENCE LISTING DATE: 04/28/98 PAGE: 13 PATENT APPLICATION US/08/812,393 TIME: 13:04:33 INPUT SET: S25310.raw 791 792 (i) SEQUENCE CHARACTERISTICS: 793 (A) LENGTH: 23 base pairs 794 (B) TYPE: nucleic acid (C) STRANDEDNESS: single 795 796 (D) TOPOLOGY: linear 797 798 (vi) ORIGINAL SOURCE: (C) ISOLATE: V-beta-15 --> 799 800 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:39: 801 802 2.3 803 AGAACCATCT GTAAGAGTGG AAC 804 (2) INFORMATION FOR SEQ ID NO:40: 805 806 807 (i) SEQUENCE CHARACTERISTICS: 808 (A) LENGTH: 23 base pairs (B) TYPE: nucleic acid 809 810 (C) STRANDEDNESS: single 811 (D) TOPOLOGY: linear 812 813 (vi) ORIGINAL SOURCE: (C)(ISOLATE: V-beta-16 814 --> 815 816 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:40: 817 23 818 CATCAAATAA TAGATATGGG GCA 819 (2) INFORMATION FOR SEQ ID NO:41: 820 821 822 (i) SEQUENCE CHARACTERISTICS: 823 (A) LENGTH: 23 base pairs 824 (B) TYPE: nucleic acid 825 (C) STRANDEDNESS: single 826 (D) TOPOLOGY: linear 827 (vi) ORIGINAL SOURCE: 828 (C) ISOLATE) V-beta-17 --> 829 830 831 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:41: 832 833 GTAGTCCTGA AAAAGGGCAC ACT 23 834 835 (2) INFORMATION FOR SEQ ID NO:42: 836 837 (i) SEQUENCE CHARACTERISTICS: 838 (A) LENGTH: 22 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

839

840

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/812,393

DATE: 04/28/98 TIME: 13:04:34

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	841	(D) TOPOLOGY: linear	
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	843	(vi) ORIGINAL SOURCE:	
>	844	(C) ISOLATE: V-beta-18	
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	846	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:42:	
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	848	CATCTGTCAA AGTGGCACTT CA 22	
	849		
	1076	(2) INFORMATION FOR SEQ ID NO:51:	
	1077		
	1078	(i) SEQUENCE CHARACTERISTICS:	
>	1079	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 8 amino acids )	
	1080	(B) TYPE: amino acid	
	1081	(C) STRANDEDNESS: single	
	1082	(D) TOPOLOGY: linear	
	1083	` '	
	1084		
	1085	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:51:	
	1086	. , , =	
	1087	His Leu Tyr Gln Gly Gln Trp	
	1088	1 5	
	1089		
	1003		

## **SEQUENCE VERIFICATION REPORT** PATENT APPLICATION *US/08/812,393*

DATE: 04/28/98 TIME: 13:04:36

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619	Unknown or Misplaced Identifier	(C) ISOLATE: V-beta-5.1
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739	Unknown or Misplaced Identifier	(C) ISOLATE: V-beta-11
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829	Unknown or Misplaced Identifier	(C) ISOLATE: V-beta-17
844	Unknown or Misplaced Identifier	(C) ISOLATE: V-beta-18
1079	Entered (8) and Cale. Seq. Length (7) differ	(A) LENGTH: 8 amino acids



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Sequence Listing Submissions

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